










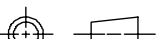



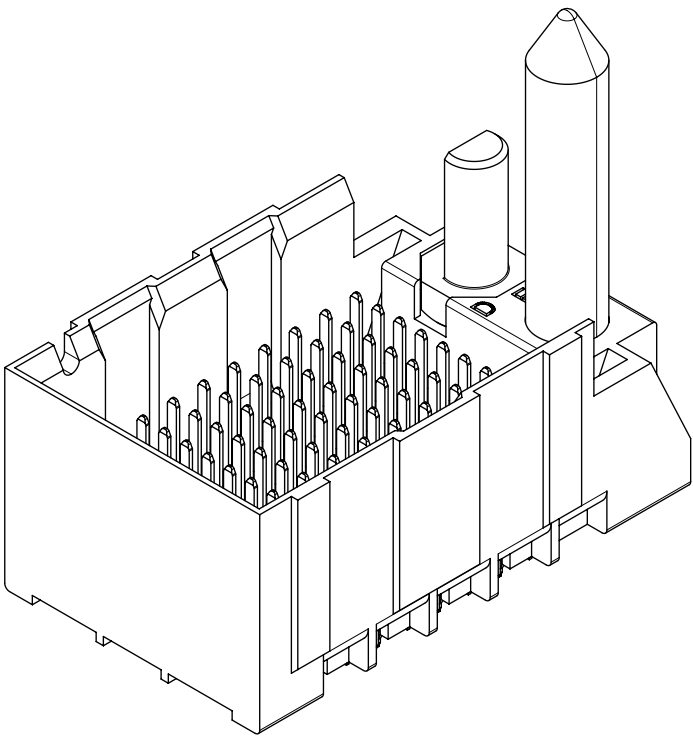
NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30μ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002.
5. PACKAGE PER: PK-70873-758.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. FOR GROUNDED GUIDE PINS USE DIA. 3.56 +/-0.08 (PTH)
DIA. 3.66 (DRILL) AND DIA 6.5 (PAD).
8. MATES WITH IMPACT DC SERIES NO. 76170.
9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0MM
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
10. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
12. "THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND
REPAIR ON THE PC BOARD. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND
DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR. WHEN LAYING OUT A PC BOARD
FOR CONNECTORS STACKED TOGETHER, USE A 1.9mm PROGRESSION."

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
 = 0	MIGRATED TO NX	2017/10/13 2017/10/13 2017/10/18 EC NO: 123283 DRWN: KUCHILA CHK'D: KUCHILA APPR: PRAMASWAMY	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE						
 = 0				mm		4:1						
 = 0				DRWN BY		DATE		IMPACT BP 3 PAIR RIGHT GUIDED ASSEMBLY SALESS DRAWING				
 = 0				J.BINGHAM		2013/08/25						
 = 0				CHCK'D BY		DATE		PRODUCT CUSTOMER DRAWING				
 = 0				JLAURX		2013/08/25						
 = 0				APPR BY		DATE		SERIES 76165				
 = 0	JLAURX		2013/09/25		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET					
 = 0	DRAWING SIZE		THIRD ANGLE PROJECTION						DOCUMENT NUMBER SD-76165-003		DOC TYPE PSD	
 = 0	D											
 = 0	J3	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

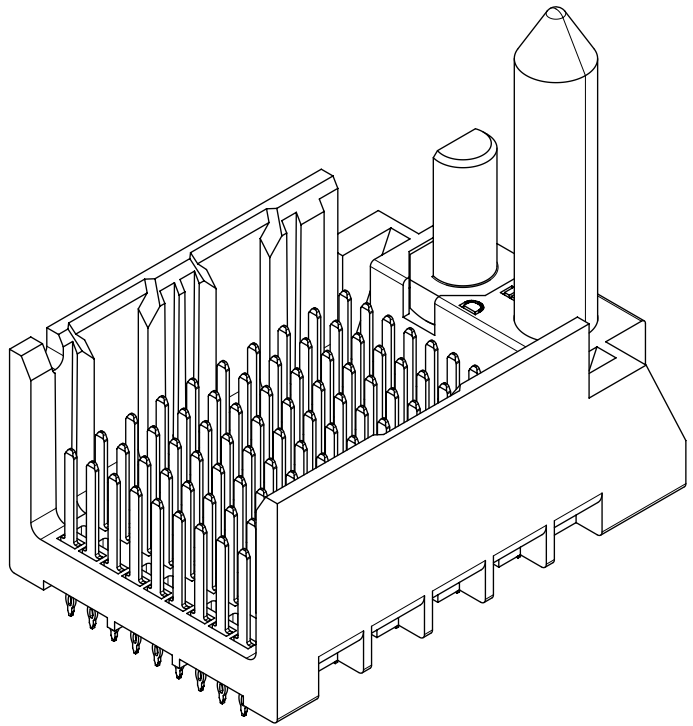
PART NUMBER CHART

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE RIGHT END WALL OPTION
76165-*3**	6	18	19.3	9.50	
76165-*8**	8	24	23.1	13.30	
76165-*1**	10	30	26.9	17.10	
76165-*6**	16	48	38.3	28.50	



GUIDE RIGHT
END WALL
OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE RIGHT OPEN WALL OPTION
76165-*3**	6	18	17.9	9.50	
76165-*8**	8	24	21.7	13.30	
76165-*1**	10	30	25.5	17.10	
76165-*6**	16	48	36.9	28.50	



GUIDE RIGHT
OPEN WALL
OPTION

PART NUMBER LOGIC

76165- * * * *

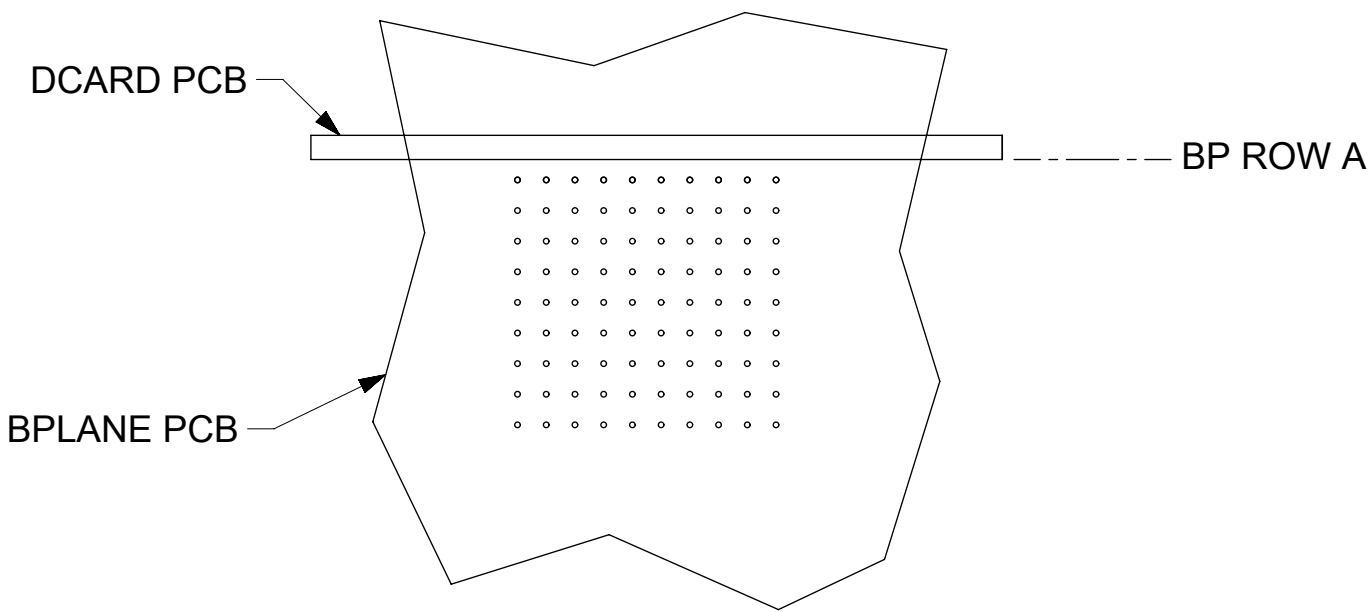
MODULE TYPE
5 = GUIDE RIGHT, TIN
9 = GUIDE RIGHT END WALL, TIN

OF COLUMNS
1 = 10 COL
3 = 6 COL
6 = 16 COL
8 = 8 COL

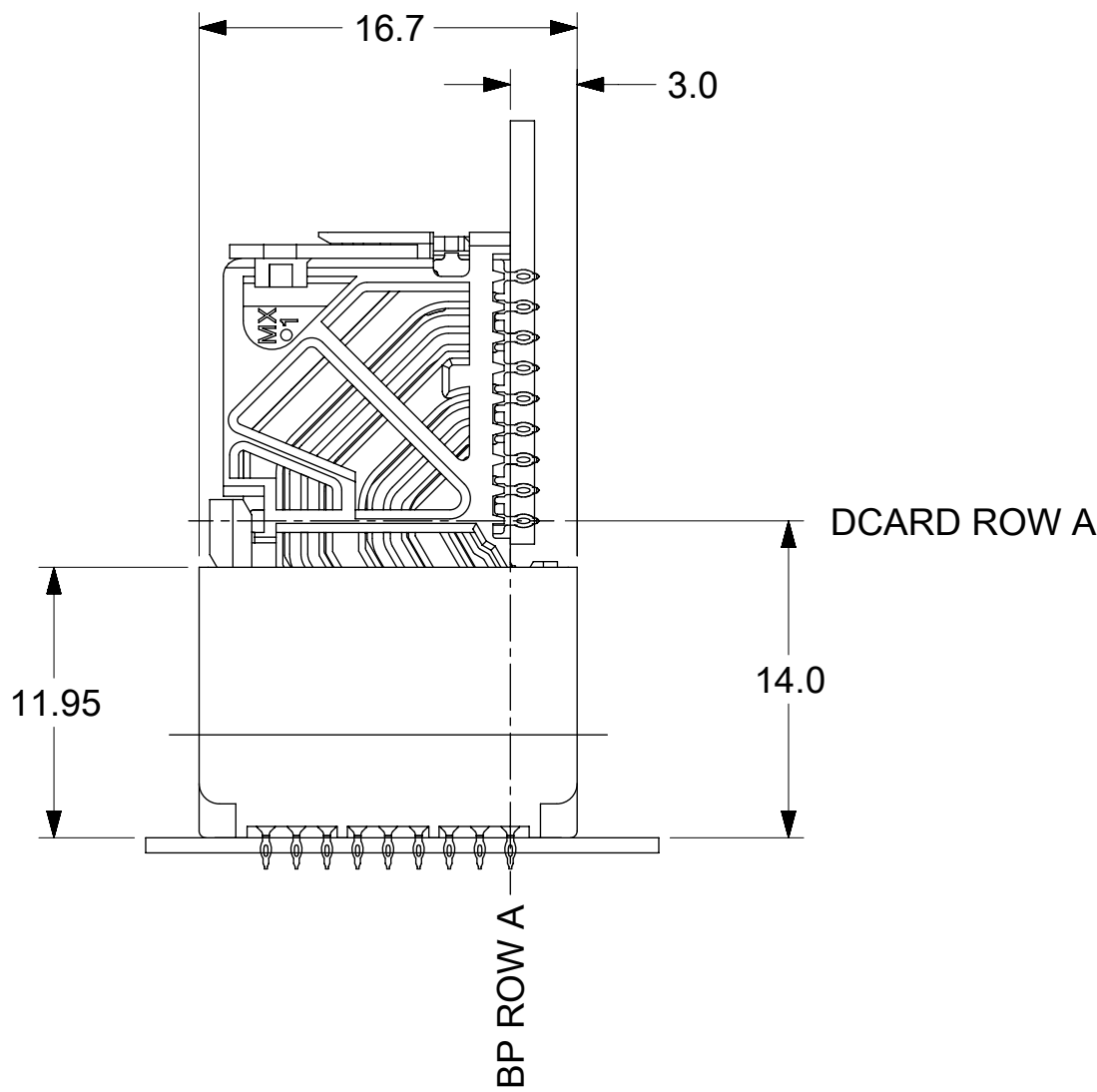
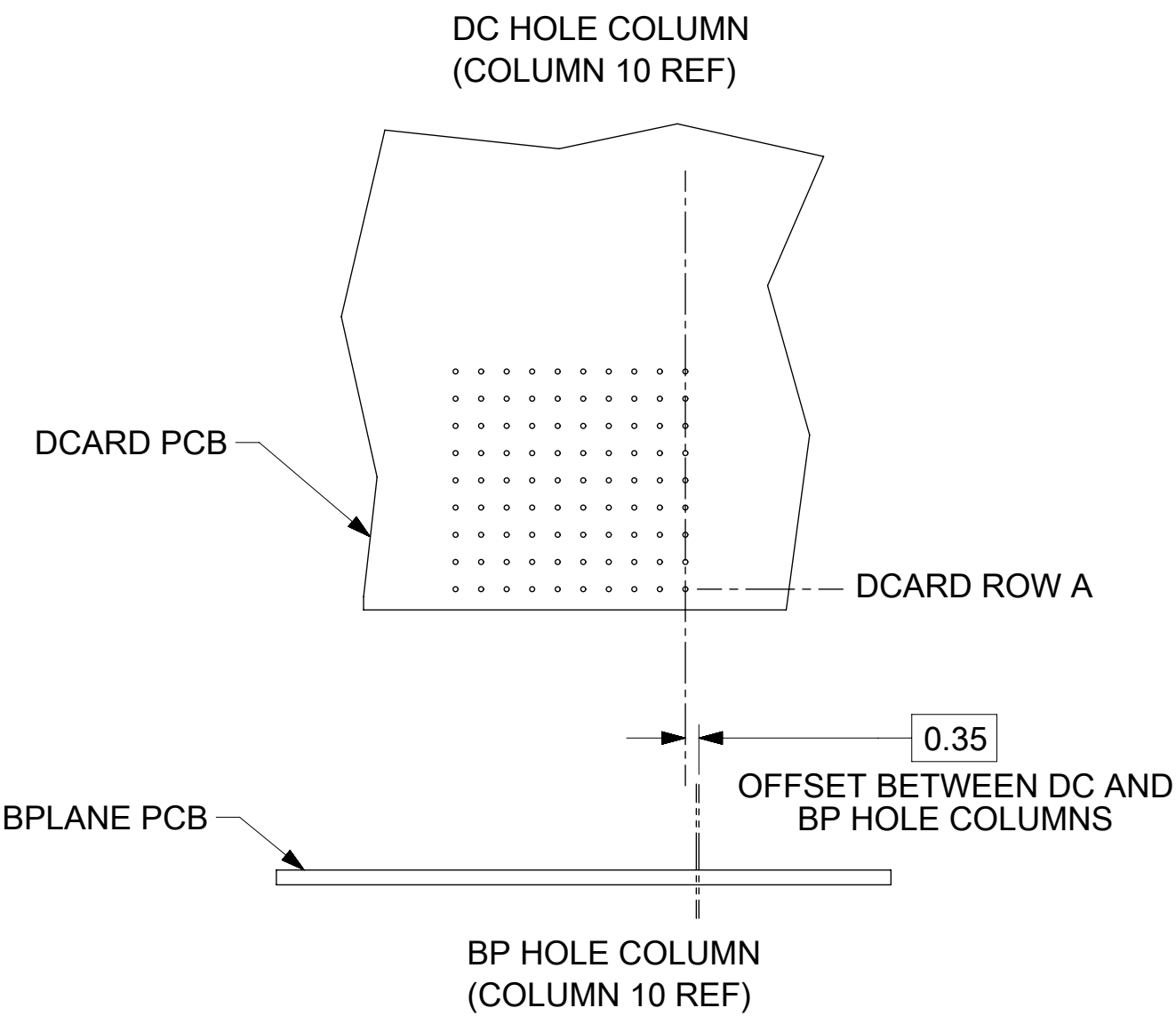
PIN LENGTH (P)
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

KEY ORIENTATION
0 = NO KEY
1 = A
2 = B
3 = C
4 = D
5 = E
6 = F
7 = G
8 = H

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	= 0	MIGRATED TO NX EC NO: 123283 DRWN: KUCHILA CHKD: KUCHILA REV APPR: PRAMASWAMY	2017/10/13 2017/10/13 2017/10/18	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE							
	= 0			ANGULAR TOL ± 0.5 °		mm		3:1							
	= 0			4 PLACES ±		DRWN BY		DATE		IMPACT BP 3 PAIR RIGHT GUIDED ASSEMBLY SALESS DRAWING					
	= 0			3 PLACES ±		JBINGHAM		2013/08/25							
	= 0			2 PLACES ± 0.13		CHK'D BY		DATE							
	= 0			1 PLACE ± 0.25		JLAURX		2013/08/25							
	= 0			0 PLACES ±		APPR BY		DATE							
	= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		JLAURX		2013/09/25						PRODUCT CUSTOMER DRAWING	
	= 0					DRAWING SIZE		THIRD ANGLE PROJECTION							
	= 0					C				SERIES		MATERIAL NUMBER		CUSTOMER	
		J3	REV					76165		SEE TABLE		GENERAL MARKET			
								DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER	
								SD-76165-003		PSD		001		2 OF 3	



IMPACT 3 PAIR
BOARD RELATIONSHIPS



QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
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mm						1:1									
ANGULAR TOL ± 0.5 °						DRWN BY		DATE		IMPACT BP 3 PAIR RIGHT GUIDED ASSEMBLY SALESS DRAWING					
4 PLACES	±					JBINGHAM		2013/08/25							
3 PLACES	±					CHK'D BY		DATE							
2 PLACES	± 0.13					JLAURX		2013/08/25							
1 PLACE	± 0.25					APPR BY		DATE							
0 PLACES	±					JLAURX		2013/09/25		PRODUCT CUSTOMER DRAWING					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES	MATERIAL NUMBER		CUSTOMER		
						C			76165	SEE TABLE		GENERAL MARKET			
J3						DOCUMENT NUMBER		DOC TYPE		DOC PART	SHEET NUMBER				
						SD-76165-003		PSD		001	3 OF 3				